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(71) Applicant (for all designated States except US): ARIZONA BOARD OF REGENTS [US/US]; c/o Arizona Technology Enterprises, LLC, 699 S. Mill Ave., Brickyard Suite 601, Room 691AA, Tempe, AZ 85281 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): KENNEDY, Chad [US/US]; 3743 East Betsy Lane, Higley, AZ 85236 (US). EHTESHAMI, Gholam, Reza [US/US]; 7735 East Adele Court, Scottsdale, AZ 85255 (US). HOM, Doris [US/US]; 932 South MacDonald, Mesa, AZ 85210 (US). MASSIA, Stephen [US/US]; 2313 Inglewood Street, Mesa, AZ 85213 (US).

(74) Agent: SPRATT, Gwendolyn, D.; Needle & Rosenberg, P.C., Suite 1000, 999 Peachtree Street, Atlanta, GA 30309-3915 (US).

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(54) Title: HYDROGELS FOR MODULATING CELL MIGRATION AND MATRIX DEPOSITION

(57) Abstract: A biodegradable matrix for inducing cell migration therein, wherein two peptides are covalently linked to the matrix, a first peptide being cleavable by natural proteases and the other comprising a cell-attracting peptide. The first peptide is cleavable by tissue metalloproteinases. The second peptide contains the cell-attracting peptide RGD. Also disclosed is an implant containing the biodegradable matrix.